

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	1	("20080081275").PN.	US-PGPUB; USPAT	OR	OFF	2011/06/30 11:47
L29	1	(US-20080081275-\$).did.	US-PGPUB	ADJ	ON	2011/06/30 11:48
L30	1	(US-20080081275-\$).did.	DERWENT	ADJ	ON	2011/06/30 11:48
L31	1	2005-355380.NRAN.	DERWENT	ADJ	ON	2011/06/30 11:48
L34	64157	metal\$3 with surface with silic\$3	US-PGPUB; USPAT	ADJ	ON	2011/06/30 14:01
L35	50707	polymer\$3 with resin with (shell or coat\$5 or overcoat\$5 or surface)	US-PGPUB; USPAT	ADJ	ON	2011/06/30 14:02
L36	0	sl34 and l35 and silane	US-PGPUB; USPAT	ADJ	ON	2011/06/30 14:02
L37	1746	l34 and l35 and silane	US-PGPUB; USPAT	ADJ	ON	2011/06/30 14:02
S1	39	"035605"	DERWENT	ADJ	ON	2008/02/19 11:53
S2	39	"035605"	JPO; DERWENT	ADJ	ON	2008/02/19 11:55
S3	2	S1 and metal	JPO; DERWENT	ADJ	ON	2008/02/19 11:56
S4	75	"013444"	JPO; DERWENT	ADJ	ON	2008/02/19 11:57
S5	6	S4 and metal	JPO; DERWENT	ADJ	ON	2008/02/19 11:57
S6	1	"2004013444"	JPO	ADJ	ON	2008/02/19 11:58
S7	1	"2003354009"	JPO	ADJ	ON	2008/02/19 11:59
S8	0	"2003354099"	JPO	ADJ	ON	2008/02/19 12:00
S9	0	"354099"	JPO	ADJ	ON	2008/02/19 12:00
S10	4	"2005035605"	JPO; DERWENT	ADJ	ON	2008/02/19 12:01
S11	0	(WO-2005035605-A-\$).did.	DERWENT	ADJ	ON	2008/02/19 12:02
S12	1	2005-355380.NRAN.	DERWENT	ADJ	ON	2008/02/19 12:02
S13	92	((ichiro near2 nakamura) or (kiyoyasu near2 sakurada) or (kiyoko near2 ueda)).in.	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:00

S14	3250	copper and (metal\$3 with oxidiz\$5) and silica and (spher\$4 or circ\$4 or round\$4) and carrier	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:12
S15	37225	(polymer\$3 resin)	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:13
S16	295	S14 and S15	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:14
S17	375	(430/111.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/19 13:27
S18	0	S16 and S17	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:27
S19	4204	((430/108.6) or (428/357,402)). CCLS	US-PGPUB; USPAT	OR	OFF	2008/02/19 13:47
S20	24	S16 and S19	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:48
S21	5985	electrophotograph\$3 with carrier	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:50
S22	4	S16 and S21	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:50
S23	250067	(metal with partic\$5)	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:51
S24	4	S14 and S15 and S21 and S23	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:52
S25	0	S16 and S13	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:52
S26	14441	copper and (metal\$3 with oxid\$7) and silica and (spher\$4 or circ\$4 or round\$4) and carrier	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:53
S27	2	S26 and S13	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:53
S28	80469	("430").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/19 13:54
S29	14276	carrier with core	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:54
S30	60592	metal\$2 with core	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:54
S31	277983	(core or metal\$2) same copper	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:54
S32	416903	(metal\$2 or core) with oxid\$7	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:55
S33	4184	core with (coat\$4 or shell or cover\$4 or layer) with silica	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:55
S34	39625	polymer\$5 resin	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:56
S35	15	S29 and S30 and S31 and S32 and S33 and S34	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:56
S36	8	S35 and S28	US-PGPUB; USPAT	ADJ	ON	2008/02/19 13:56
S37	230886	(core or metal\$2) with copper	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:46
S38	11	S29 and S30 and S37 and S32 and S33 and S34	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:47

S39	10	S38 and toner	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:48
S40	27	S29 and S30 and S32 and S33 and S34	US-PGPUB; USPAT	ADJ	ON	2008/02/19 15:13
S41	17	S40 and S28	US-PGPUB; USPAT	ADJ	ON	2008/02/19 15:13
S42	38928	("399").CLAS	US-PGPUB; USPAT	OR	OFF	2008/02/19 15:13
S43	22	S40 and (S28 or S42)	US-PGPUB; USPAT	ADJ	ON	2008/02/19 15:14
S44	123	toner with copper with core	US-PGPUB; USPAT	ADJ	ON	2008/02/19 17:05
S45	133681	(surface or coat\$4 or cover\$ or shell or layer) with silica	US-PGPUB; USPAT	ADJ	ON	2008/02/19 17:06
S46	64	S44 and S45	US-PGPUB; USPAT	ADJ	ON	2008/02/19 17:06
S47	0	"0949027"	EPO; DERWENT	ADJ	ON	2008/02/20 13:32
S48	31	((nakatsuka near2 katsuto) and (atarashi near2 takafumi) and (nakatsuka near2 katsuto)).inni.	EPO; DERWENT	ADJ	ON	2008/02/20 13:33
S49	31	((nakatsuka near2 katsuto) and (atarashi near2 takafumi)).inni.	EPO; DERWENT	ADJ	ON	2008/02/20 13:33
S50	2	((tang near2 weixin) and (wang near2 yuzhou)).inni.	EPO; DERWENT	ADJ	ON	2008/02/20 13:36
S51	9	((("5389482") or ("5599627") or ("5652060") or ("4271234") or ("4956220") or ("4975214") or ("5356712") or ("5543069") or ("5759435"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/20 13:39
S52	1	S51 and silica and copper	US-PGPUB; USPAT	ADJ	ON	2008/02/20 13:46
S53	273	(430/137.13,111.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/25 10:43
S54	247678	(core or metal\$4) with copper	US-PGPUB; USPAT	ADJ	ON	2008/02/25 10:52
S55	133837	(surface or coat\$4 or cover\$ or shell or layer) with silica	US-PGPUB; USPAT	ADJ	ON	2008/02/25 10:53
S56	19	S53 and S54 and S55	US-PGPUB; USPAT	ADJ	ON	2008/02/25 10:53
S57	3	((("6548168") or ("3656981") or ("6361660"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/27 18:01
S58	2	(first with silica) and S57	US-PGPUB; USPAT	ADJ	ON	2008/02/27 18:22
S59	3	oxid\$3 and S57	US-PGPUB; USPAT	ADJ	ON	2008/02/27 18:54
S60	2	(oxid\$3 with copper) and S57	US-PGPUB; USPAT	ADJ	ON	2008/02/27 18:54
S61	4865	(428/214,216,219,220).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/28 09:12
S62	37496	(core or particle) with copper	US-PGPUB; USPAT	ADJ	ON	2008/02/28 09:13

S63	39158	coat\$3 with silica	US-PGPUB; USPAT	ADJ	ON	2008/02/28 09:13
S64	261766	coat\$3 with (polymer or resin)	US-PGPUB; USPAT	ADJ	ON	2008/02/28 09:13
S65	7	S61 and S62 and S63 and S64	US-PGPUB; USPAT	ADJ	ON	2008/02/28 09:19
S66	14704	(ink or toner or pigment) with carrier with developer	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:55
S67	7597757	@pd<"20031014"	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:56
S68	10074	S66 and S67	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:57
S69	60729	metal with core	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:57
S70	872	S68 and S69	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:57
S71	1702	S69 and toner and (average particle)	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:59
S72	830	S71 and S67	US-PGPUB; USPAT	ADJ	ON	2008/02/28 10:59
S73	0	(polymer\$3 with coat\$3) with heat \$3 with (rapid\$2 or quick\$2 or sudden\$2) with cool\$3 with spher \$4	US-PGPUB; USPAT	ADJ	ON	2008/02/28 11:03
S74	37	(polymer\$3 with coat\$3) and ((rapid\$2 or quick\$2 or sudden\$2) with cool\$3 with spher\$4)	US-PGPUB; USPAT	ADJ	ON	2008/02/28 11:04
S75	9	S74 and toner	US-PGPUB; USPAT	ADJ	ON	2008/02/28 11:04
S76	535161	(polymer or polyester or resin or latex) with (shell or coat\$4 or layer or cover\$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/03 14:33
S77	3	((("6548168") or ("3656981") or ("6361660")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/03 14:34
S78	2	S76 and S77	US-PGPUB; USPAT	ADJ	ON	2008/10/03 14:34
S79	1	("20080081275").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/28 13:34
S80	4563	silica with external	US-PGPUB; USPAT	ADJ	ON	2009/02/13 15:49
S81	190105	metal with (particles or core)	US-PGPUB; USPAT	ADJ	ON	2009/02/13 15:49
S82	22460	polymer\$7 with silane	US-PGPUB; USPAT	ADJ	ON	2009/02/13 15:50
S83	4563	silica with external	US-PGPUB; USPAT	ADJ	ON	2009/02/16 13:30
S84	190105	metal with (particles or core)	US-PGPUB; USPAT	ADJ	ON	2009/02/16 13:30
S85	22460	polymer\$7 with silane	US-PGPUB; USPAT	ADJ	ON	2009/02/16 13:30
S86	187	S83 and S84 and S85	US-PGPUB; USPAT	ADJ	ON	2009/02/16 13:30

S87	5456	polymer with (overcoat\$4 or (overcoat\$4))	US-PGPUB; USPAT	ADJ	ON	2009/02/16 15:03
S88	2	S86 and S87	US-PGPUB; USPAT	ADJ	ON	2009/02/16 15:03
S89	180	silica same S87	US-PGPUB; USPAT	ADJ	ON	2009/02/16 16:18
S90	0	S86 and S89	US-PGPUB; USPAT	ADJ	ON	2009/02/16 16:18
S91	18	S89 and S84 and S85	US-PGPUB; USPAT	ADJ	ON	2009/02/16 16:18
S92	275	148/251	US-PGPUB; USPAT	ADJ	ON	2009/02/16 16:30
S93	29	S92 and silica and silane	US-PGPUB; USPAT	ADJ	ON	2009/02/16 16:30
S94	7	S93 and S85	US-PGPUB; USPAT	ADJ	ON	2009/02/16 17:48
S95	1	(US-6514357-\$).did.	USPAT	ADJ	ON	2009/02/17 11:08
S96	1	(resin with coupling) and S95	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:08
S97	107155	(copper or Cu) with oxid\$6	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:20
S98	276	148/251	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:20
S99	27	S97 and S98	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:20
S100	1	S99 and toner	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:20
S101	10	S99 and (toner or pigment or dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:22
S102	25628	(core or (metal particle)) with oxid\$6	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:25
S103	2	S102 and S98	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:25
S104	2	S103 and (toner or pigment or dye)	US-PGPUB; USPAT	ADJ	ON	2009/02/17 11:26

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	36297	metal\$3 with surface with silic\$3	USPAT; UPAD	ADJ	ON	2011/06/30 14:01
L33	145408	polymer\$3 with resin	USPAT; UPAD	ADJ	ON	2011/06/30 14:01
L38	6369	(metal\$3 with surface with silic\$3).clm.	USPAT; UPAD	ADJ	ON	2011/06/30 15:17
L39	25597	(polymer\$3 with resin).clm.	USPAT; UPAD	ADJ	ON	2011/06/30 15:17
L40	16959	silane.clm.	USPAT; UPAD	ADJ	ON	2011/06/30 15:17
L41	24	l38 and l39 and l40	USPAT; UPAD	ADJ	ON	2011/06/30 15:17

6/ 30/ 2011 3:44:19 PM

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